

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: KIRK EDWARD VANDEZANDE  
USSN.: 10/629,380  
FILING DATE: July 29, 2003  
FOR: HIERARCHICAL OPTIMIZATION FOR PROCEDURAL EFFECTIVENESS  
ART UNIT: 2913  
EXAMINER: Shubo Zhou  
CUSTOMER NO.: 27,388

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REPLY TO OFFICE ACTION UNDER § 1.111**

Sir:

In response to the Office Action mailed November 9, 2009, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listings of claims which begin on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.